



COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:
original divisional continuation continuation-in-part
INVENTORSHIP IDENTIFICATION
My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:
ADHESION IMPROVEMENT FOR LOW K DIELECTRICS
SPECIFICATION IDENTIFICATION
The specification of which:
is attached hereto was filed on, under Serial No, executed on even date herewith; or Express Mail No.(as Serial No. not yet known) and was amended on (if applicable) was described and claimed in PCT International Application No filed on and as amended under PCT Article 19 on
ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.
I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, 1.56, and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and
In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR 1.98.

PRIORITY CLAIM (35 U.S.C., 119)

I hereby claim foreign priority benefits under Title 35, United States Code, 119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

	\boxtimes	No such a	applications have be	en filed.				
		Such app	lications have been	filed as follows:				
A.				iled within 12 mo under 35 U.S.C. 11		for desi	gn) prior t	o this
	Coun	try/PCT	Application No	Date File	<u>d</u>	<u>Priorit</u>	y Claimed	
				,		☐ Ye ☐ Ye ☐ Ye	s 🔲 No	
В.		eign applicoplication	cation(s), if any, file	ed more than 12 mo	s. (6 mos f	or design) prior to th	is
	Countr Applica Filing o	ation No:						
C.	U.S. P	rovisional	Application filed w	ithin 12 months pri	or to this a	pplication	1	
	<u>Serial</u>	<u>No.</u>		Filing Date				
			PRIORITY	CLAIM (35 U.S.C.	120)			
PCT ir insofar applica acknov (namel importa	aternation as the stion(s) in vledge t y, infornant in de	nal applica subject ma n the mar he duty to nation whe eciding whe	ation(s) designating atter of each of the conner provided by the disclose information there is substanted there allow the approximation of the substanted th	ed States Code, 12 the United States of this applicate first paragraph of the first paragra	f America ation is not f Title 35, to the exareasonable a patent)	that is/are disclosed United Statement of the United S	listed below in that/those ates Code, of this apple would consurred betwe	w and e prior 112, ication sider if en the
	\boxtimes		applications have be lications have been					
				Status				
Ser	<u>ial No</u> .		Filing Date	<u>Patented</u>	<u>Pe</u>	<u>nding</u>	<u>Abandone</u>	<u>ed</u>

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

> Donald Verplancken Registration No. 33,217 Registration No. 25,610 Peter J. Sgarbossa Raymond Kam-On Kwong Registration No. 37,165 Registration No. 37,771 Joseph Bach James C. Wilson Registration No. 35,412 Robert W. Mulcahy Registration No. 25,436 Registration No. 37,906 B. Todd Patterson Raymond R. Moser, Jr. Registration No. 34,682 Keith M. Tackett Registration No. 32,008 William B. Patterson Registration No. 34,102

Send correspondence to:

Direct telephone calls to:

Patent Counsel APPLIED MATERIALS, INC. B. Todd Patterson

MOSER, PATTERSON & SHERIDAN, L.L.P.

P.O. Box 450-A

(713) 623-4844

Santa Clara, CA 95052

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name first inventor:	LIHUA LI HUANG					
Inventor's signature:	Date: 3/15/04					
Residence:	San Jose, California \$5132					
Post Office Address:	2866 Parkrow Lane					
	J.S.A. Country of Citizenship: CHINA P.R.					
Full name of second inve	entor: TZU-FANG HUANG					
Inventor's signature:	Date: 2/15/674					
	San Jose, Valifornia 95138					
	5431 Ligurian Drive					
	J.S.A. Country of Citizenship: TAIWAN					
Full name of third invent	or: DIAN SUGIARTO					
Inventor's signature:	Date:					
	Sunnyvale, California 94097	_				

Full name of fourth inve	
Inventor's signature: Residence: Post Office Address:	Santa Clara, California 95054 868 Leith Avenue U.S.A. Country of Citizenship: CHINA P.R.
Full name of fifth inven-	A .
Inventor's signature: Residence: Post Office Address:	San Jose, California 95129 1037 Bentoak Lane U.S.A. Country of Citizenship: UNITED STATES
Full name of sixth inver	ntor: HICHEM M'SAAD
Inventor's signature: Residence: Post Office Address:	Santa Clara, California 95051 3500 Granada Avenue #364 U.S.A. Country of Citizenship: TUNISIA
Full name of seventh in	ventor: ZHENJIANG CUI
Inventor's signature: Residence: Post Office Address:	San Jose, California 95129 7070 Rainbow Drive #9 U.S.A. Country of Citizenship: CHINA P.R.
Full name of eighth inv	/1 4 /
Inventor's signature:	Date: 03/15/04
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Country of Citizenship: UNITED STATES

Post Office Address:

966 Cascade Drive

U.S.A.

U.S.A.

(Declaration ends with this page)

Country of Citizenship; SOUTH KOREA

ATTY. DKT. NO.AMAT/8670/DSM/LOW K/JW

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

A3 a below hai	ned inventor, i hereby declare that.
This declaration	is of the following type:
	original divisional continuation continuation-in-part
	INVENTORSHIP IDENTIFICATION
original, first an	ost office address and citizenship are as stated below next to my name. I believe I am the d sole inventor (if only one name is listed below) or an original, first and joint inventor (if e listed below) of the subject matter which is claimed and for which a patent is sought on titled:
	ADHESION IMPROVEMENT FOR LOW K DIELECTRICS
	SPECIFICATION IDENTIFICATION
The specificatio	n of which:
	is attached hereto was filed on March 15, 2004, under Serial No. 10/801,190, executed on even date herewith; or Express Mail No.(as Serial No. not yet known) and was amended on (if applicable) was described and claimed in PCT International Application No filed on and as amended under PCT Article 19 on
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	\boxtimes	No such	applications have be	een filed.				
		Such app	olications have been	filed as follows:				
A.				filed within 12 mos s under 35 U.S.C. 11		for desig	n) prior 1	to this
	Cour	try/PCT	Application No	Date File	<u>d</u>	<u>Priority</u>	Claimed	
						☐ Yes ☐ Yes ☐ Yes	□ No	
B.		eign appli pplication	cation(s), if any, fil	ed more than 12 mo	s. (6 mos fo	r design)	prior to th	nis
	Countr Applica Filing o	ation No:						
C.	C. U.S. Provisional Application filed within 12 months prior to this application							
	<u>Serial</u>	<u>No.</u>		Filing Date				
			PRIORIT	Y CLAIM (35 U.S.C.	120)			
PCT in insofar applica acknow (name importa	nternation as the ation(s) wiledge to the later at the later and	nal application subject mains the mains the duty to the duty to the duty to the deciding who had become the deciding who was to the deciding who was applicated to the deciding the deci	ation(s) designating atter of each of the nner provided by to disclose informatere there is substarether to allow the a	ited States Code, 120 the United States o claims of this application that is material hitial likelihood that a pplication to issue as attional or PCT internation.	f America thation is not of Title 35, Leto the example is a patent) with the patent of the following	nat is/are disclosed in the standard st	listed belo in that/thos tes Code, f this app would con irred betwe	w and se prior 112, lication is sider in the
	\boxtimes		applications have be olications have been					
				Status				
Ser	ial No		Filing Date	Patented	Pen	dina	Abandon	ed

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Full name first invento	r: LIHUA L I	
Inventor's signature:		Date:
Residence:	San Jose, Califor	nia 95132
Post Office Address:	2866 Parkrow La	ne
	U.S.A.	Country of Citizenship: CHINA P.R.
Full name of second in	nventor: TZU-FAN	IG HUANG
Inventor's signature:		Date:
Residence:	San Jose, Califor	nia 95138
Post Office Address:	5431 Ligurian Dri	ve
	U.S.A. (Country of Citizenship: TAIWAN

Full name of third inver	ntor: DIAN	DIAN SUGIARTO (DECEASED: EXECUTOR JERRY SUGIARTO)				
Executor's signature:	() V	and and a	Date:9/ <u>2</u> 8/04			
Residence: Post Office Address: For	Sunnyvale, Ca 966 Cascade I U.S.A.					
Inventor Residence: Post Office Address:	Dian Sugiarto Sunnyvale, Ca 966 Cascade I U.S.A.	Orive	p: UNITED STATES			
Full name of fourth inve	entor: LI-QU I	N XIA				
Inventor's signature: Residence: Post Office Address:	868 Leith Aven	alifornia 95054 nue Country of Citizenshi	p: CHINA P.R.			
Full name of fifth inven	tor: PETE	R WAI-MAN LEE				
Inventor's signature:			Date:			
Residence: Post Office Address:	San Jose, Cali	fornia 95129 Lane Country of Citizenshi	p: UNITED STATES			
Full name of sixth inver	ntor: HICHE	EM M'SAAD				
Inventor's signature:			Date:			
Residence: Post Office Address:	3500 Granada	alifornia 95051 Avenue #364 Country of Citizenshi	p: TUNISIA			
Full name of seventh ir	nventor: ZHEN	JIANG CUI				
Inventor's signature: Residence: Post Office Address:	San Jose, Cali 7070 Rainbow U.S.A.		Date: p: CHINA P.R.			
Full name of eighth inv	entor: SOHY	UN PARK				
Inventor's signature: Residence:		ista Avenue, Apt. 220 California 95051	_Date: 08			
Post Office Addresss:	U.S.A.	Country of Citizenshi	p; SOUTH KOREA			

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